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1. A camera having an output section for outputting image data representative of a taken image to an external apparatus, comprising:
a communicator for communicating with said external apparatus; and
an image processor for generating image data to be outputted to said external apparatus based on a characteristic of said external apparatus, said image processor obtaining information on said characteristic based on a communication result.

2. A camera as claimed in claim 1, wherein said characteristic is resolution.

3. A camera as claimed in claim 2, wherein said image processor decides the number of pixels of the generated image data in accordance with the resolution.

4. A camera as claimed in claim 1, wherein said external apparatus is a printer.

5. A camera as claimed in claim 4, wherein said characteristic is the number of dots per inch of the printer.

6. A camera as claimed in claim 5, wherein said image processor decides the number of pixels of the generated image data in accordance with the number of dots per inch of the printer.

7. A camera as claimed in claim 1, wherein said external apparatus is a display apparatus.

8. A camera as claimed in claim 1, wherein said external apparatus is a personal computer.

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11. (Once Amended) A camera which can store data of a taken image in a memory and can output the stored image data to an external apparatus through a detachably attachable connection device, said camera comprising:

a connector for attaching said connection device;

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a detector for detecting whether or not said connection device is attached to said connector; and

a controller for permitting the image data to be outputted through said connector when said detector detects that said connection device is attached to said connector, and for inhibiting the image data from being outputted through said connector when said detector detects that said connection device is not attached to said connector.

12. A camera as claimed in claim 11, wherein said external apparatus is a personal computer.

13. A camera as claimed in claim 11, wherein said external apparatus is a printer.

14. A camera as claimed in claim 11, wherein said external apparatus is a storage apparatus.

15. A camera as claimed in claim 11, wherein said connection device is a connection cable.

16. (New) A camera system which can store image data of a taken image in a memory and output stored image data to an external apparatus through a detachably attachable connection device, said camera system comprising:

a connector for attaching said connection device; and

a detector for detecting whether or not said connection device is attached to said connector, whereby, when said detector detects that said connection device is attached to said connector, a condition of the camera system, which is responsive to an output of said detector, permits stored image data to be outputted to the external apparatus through the connector and the connection device.

17. (New) A camera system as claimed in claim 16, wherein said connection device is a connection cable.

21 18. (New) A camera system as claimed in claim 16, wherein said external apparatus is a printer, and wherein when said detector detects that said connection device is attached to said connector, the condition of the camera system, which is responsive to an output of said detector, permits stored image data to be outputted to the printer through the connector and the connection device.

19. (New) A camera system as claimed in claim 16, wherein said external apparatus is a storage apparatus, and wherein when said detector detects that said connection device is attached to said connector, the condition of the camera system, which is responsive to an output of said detector, permits stored image data to be outputted to the storage apparatus through the connector and the connection device.

20. (New) A camera system as claimed in claim 16, wherein said external apparatus is a personal computer, and when said detector detects that said connection device is attached to said connector, the condition of the camera system, which is responsive to an output of said detector, permits stored image data to be outputted to the personal computer through the connector and the connection device.

21. (New) A camera system as claimed in claim 16, wherein when said detector detects that said connection device is not attached to said connector, a condition of the camera system, which is responsive to an output of said detector, inhibits outputting of stored image data to the external apparatus through the connector.

22. (New) A camera system as claimed in claim 16, wherein said memory is part of a memory card which is removably insertable into said camera system.